

What is claimed is:

1. An image reading device having an interface to communicate with devices on a network, comprising:
 - a data transferring system that communicates with a terminal device on the network according to a certain data transferring protocol; and
 - a reading system that reads an original and generates image data of the original based on information contained in a pathname designated according to the certain data transferring protocol, the pathname being transmitted from the terminal device and being received by said data transferring system.
2. The image reading device according to claim 1, wherein said reading system transmits the image data to the terminal device via said data transferring system.
3. The image reading device according to claim 1, wherein said reading system reads the original if the pathname contains a request for image data.
4. The image reading device according to claim 1, wherein said reading system transmits information concerning a form of the pathname if the pathname contains a request for the

form of the pathname.

5. The image reading device according to claim 1, wherein said reading system transmits error information to the terminal device if the pathname transmitted from the terminal device is incorrect.

6. The image reading device according to claim 5, wherein the error information includes information for correcting the incorrect pathname.

7. The image reading device according to claim 1,
wherein the information contained in the pathname includes at least one parameter concerning the reading of the original,
wherein said reading system reads the original according to the at least one parameter contained in the pathname.

8. The image reading device according to claim 7, wherein the at least one parameter includes at least one of a resolution, a number of sheets of originals to be read, designation of color, and an image file format.

9. The image reading device according to claim 8, wherein

the number of sheets of originals to be read can be designated as an indication for reading all of originals provided in said image reading device.

10. The image reading device according to claim 1, wherein said reading system reads the original using default parameters concerning the reading of the original.

11. The image reading device according to claim 1, wherein said reading system stops the reading if the pathname received by said data transferring system contains a request for cancellation of reading.

12. The image reading device according to claim 1,
wherein the certain data transferring protocol is a HTTP,

wherein the pathname is an absolute path designated according to the HTTP.

13. The image reading device according to claim 12,
wherein the absolute path designated according to HTTP includes at least one of a device name field, a request field for designating a type of a request, a resolution field, a field for designating a color of read image, a field of a number of sheets of originals to be scanned, and

a filename field.

14. The image reading device according to claim 1,
wherein the certain data transferring protocol is a
FTP,

wherein the pathname is a source pathname designated
according to the FTP.

15. The image reading device according to claim 14,
wherein the source pathname designated according to
the FTP includes at least one of a device name field, a
request field for designating a type of a request, a
resolution field, a field for designating a color of read
image, a field of a number of sheets of originals to be
read, and a filename field.

16. The image reading device according to claim 1,
wherein the certain data transferring protocol is a
NetBIOS,

wherein the pathname is a source pathname designated
according to the NetBIOS.

17. The image reading device according to claim 16,
wherein the source pathname designated according to
the NetBIOS includes at least one of a device name field, a

request field for designating a type of a request, a resolution field, a field for designating a color of read image, a field of a number of sheets of originals to be read, and a filename field.

18. The image reading device according to claim 1,
wherein the pathname includes a plurality of fields,
wherein positions of the plurality of fields in the
pathname correspond to a plurality of predetermined scan
parameters.

19. An image reading device having an interface to
communicate with devices on a network, comprising:

a data transferring system that communicates with a
terminal device on the network according to a HTTP; and

a reading system that reads an original and generates
image data of the original based on parameters concerning
reading of the original contained in an absolute path
designated according to the HTTP, and that transmits the
image data to the terminal device via the data transferring
system, the absolute path being transmitted from the
terminal device and being received by said data
transferring system.

20. An image reading system including a terminal device

and an image scanning device which are connected to a network,

said terminal device comprising:

a path name designating system that transmits a path name designated according to a certain data transferring protocol to said image scanning device,

said image reading device comprising:

a data transferring system that communicates with the terminal device on the network according to the certain data transferring protocol; and

a reading system that reads an original and generates image data of the original based on information contained in the path name received by said data transferring system.

21. The image reading system according to claim 20, wherein said reading system transmits the image data scanned to the terminal device via said data transferring system.

22. The image reading system according to claim 20,

wherein the certain data transferring protocol is a HTTP,

wherein the pathname is an absolute path designated according to the HTTP.

23. The image reading system according to claim 20,
wherein the certain data transferring protocol is a
FTP,
wherein the pathname is a source pathname designated
according to the FTP.

24. The image reading system according to claim 20,
wherein the certain data transferring protocol is a
NetBIOS,
wherein the pathname is a source pathname designated
according to the NetBIOS.

25. A computer program to be executed by a computer to
achieve a method of reading images, the method comprising
the steps of:
receiving a pathname designated according to a certain
data transferring protocol from an external device on a
network; and
reading an original and generates image data of the
original based on information contained in the received
pathname.

26. The computer program according to claim 25, wherein
the method further comprising the step of transmitting the
generated image data to the terminal device.